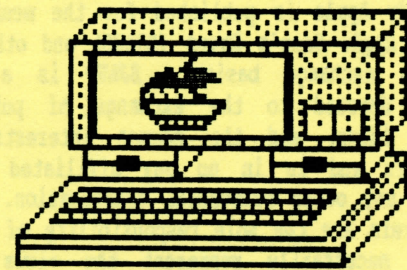


South Jersey Apple User's Group



**APRIL
1990**

Candy Apple

**Main Meeting - APRIL 20th
LABQUEST Demonstration**

Voorhees Community Center - 7:30 p.m.

See Back Cover for Map

CONTENTS

	Page		
SJAUG Officers.....	2	The Best of Uncle Bruno.....	8
President's Message.....	2	AppleWorks D-O-M.....	8
LABQUEST: Classic Apple D-O-M.....	3	A Review: Hyperlearning Forum.....	9
Print Shop/IIGIF D-O-M.....	4	Applefest Registration Form.....	10
Animal Photo Fun.....	5	SJAUG Meetings.....	11
SJAUG Book Library Additions.....	5	D-O-M by Mail.....	11
BASIC.Notes.....	6	Notice to Advertisers.....	11
All You Ever Wanted to Know About the IIGS.....	7	Disk Prices.....	11

Coming in May-TimeOut Demos
CANDY APPLE DEADLINE - MAY 2nd

The **Candy Apple** is published for the members of the **South Jersey Apple User's Group (SJAUG)** and other computer clubs on an exchange basis. **SJAUG** is a non-profit organization devoted to the exchange of public domain information, ideas, and the common interests of Apple Computer users and is in no way affiliated with Apple Computers or any other commercial organization. The views expressed herein are the sole responsibility of each author and do not necessarily represent the views of **SJAUG**. Newsworthy material, classified advertisements and any other **Candy Apple** related material should be mailed to the editor: **Wanda Bullion, 4 Constitution Blvd., Berlin, NJ 08009.**

Membership renewals and all other correspondence to the club should be addressed to:

SJAUG

P.O. Box 4273

Cherry Hill, NJ 08003

OFFICERS OF SJAUG

President	Ethel Graham	429-6025
Vice President	Jim Anderson	784-3028
Treasurer	Irene Sheridan	881-1589
Secretary	Tom Roan	795-9328
Publicity Chairman	Rowena Billos	235-1560
Membership Chairman	Tom Roan	795-9328
Book Librarian	Mike Wogan	854-6445
Disk Librarians	Steve Opfermann	629-0236
	P. Mark Wannop	365-1776
Classic Apple SIG	Mike Wogan	854-6445
IIGS SIG	Bob Bobik	778-2105
Beginners' MacSIG	Ed Gaugler	424-5547
Candy Apple Editor	Wanda Bullion	767-4913
Asst. C.A. Editor	Jack Bullion	767-4913

SJAUG APPLELINE, the SJAUG BBS 424-1382

Apple, AppleWorks, ImageWriter, Mac, and the Apple logo are registered trademarks of Apple Computer, Inc. Macintosh is a trademark of Apple Computer, Inc.

TELEPHONE TUTORS

APPLEWORKS

Bev Darkatsh (daytime M-F) 365-5821

PROGRAMMING

Ethel Graham 429-6025

Ryan MacMichael (Basic) (4-8 pm) 654-9346

TECHNICAL HELP

Ed Gaugler 424-5547

Anyone willing to volunteer help in their particular area of expertise, please contact the editor.

MEMBERSHIP in SJAUG

Membership in **SJAUG** is open to all interested Apple and/or Apple-compatible computer users. Annual dues are \$15.00 per individual, \$20.00 per family. Make checks payable to **SJAUG** and mail to the P.O. box listed above.

PRESIDENT'S MESSAGE

by **Ethel Graham**

For those of us who are **Apple** watchers, keeping our antennae alerted to news of **Apple's** future plans, the news from Cupertino is heartening. According to the latest issue of **A2-Central**, **Apple** recognizes that it must get the message out to their customers that they are committed to the **Apple II**. They recognize that there is a significant market out there and they must promote sales with some visibility. They feel, however, that in future they will not be able to produce equipment at a price that will work, and that others will produce equipment with newer technology and take the market away. They do emphasize that they will continue to support **Apple II** users for many years.

We'll go to **Applefest** with an open mind, ready to enjoy the whole thing. Make sure that you stop to visit the **SJAUG** booth. Mike Perloff, always quick to seize the initiative, made all of the arrangements, and we thank him.

While we're giving out the thanks we want to especially mention the efforts of the immediate past officers of **SJAUG**. Gus Banks, Mike Wogan, Carol and Pete DeCuzzi spent long hours making this club function and never lost the special element of fun that has kept this club going for so many years.



Coming up in April

Trenton Computer Festival '90

Saturday, April 21 10-6

Sunday, April 22 10-4

New location! Mercer County Community College
1200 Old Trenton Road, West Windsor

And in May...

Applefest

May 4-6, 10-6

Garden State Convention Center
Somerset, NJ
1-800-262-Fest (see page 10)

LABQUEST - THE (MOSTLY) CLASSIC APPLE DISK-OF-THE-MONTH

By P. Mark Wannop and
(mostly) Mike Wogan

The "Classic Apple" or "Regular" disk of the month is **LABQUEST**, which is an excellent easy-to-use spreadsheet program designed for education, but powerful enough for many personal and even small business applications. It uses the 40 column screen rather than the normal 80 column screen used by most spreadsheet programs, yet it has a very "professional" and polished appearance.

LabQuest is a copyrighted program of **Learning Quest, Inc.**; however, unlimited copying of the software is granted for educational purposes. The program requires an Enhanced 128K IIe, IIc, IIGs, Franklin 500 or 2000 series, or Laser to run; it **WON'T** work on a II+ or older Franklin even if the machine has a 65c02 installed and a ramdisk named /RAM. (I tried that, at Steve Opfermann's suggestion - some programs that "won't" run on the older machines DO run when this is done...) Hence the "mostly" in the title...

Since I (Mark) was not able to run the program, Mike Wogan checked it out using Jack and Wanda Bullion's Franklin 500 (a real group effort!). I did get to see it in action at Mike's house, and he will be showing it at the April Main Meeting. The program was originally distributed with a 34 page printed manual; Mike Wogan prepared an extensive text file, **LAB.DOC**, which contains the information in the manual in condensed form, along with comment by Mike as to what he found when running the program. (**DOGPAW** and **DOGPAW.DOC.C** has been added to the disk, along with a new **STARTUP** program so you can read **LAB.DOC** or **DOGPAW.DOC.C** on either a 40 or 80 column screen.) In addition, the program itself has a pretty good "help" function available while it is running. Since I don't believe in "re-inventing the wheel" or re-writing already existing documentation, the following is quoted or paraphrased extensively from Mike's text file; hence the "mostly" before Mike's name in the byline...

LabQuest can create a spreadsheet with a maximum of 910 cells, 14 columns and 65 rows. The program is menu driven.

There are four main parts to the **LabQuest** program: Spreadsheet, Graph, Notepad, and Practice. The spreadsheets, graphs, and notepads can all be printed to an Imagewriter printer (with Super-Serial card or equivalent) or Epson compatible printer (with Grappler card or equivalent).

LabQuest can read and save files in DIF format so that files may be exchanged with other spreadsheet programs, such as **AppleWorks**. When saving an **AppleWorks** spreadsheet file in DIF format for transfer to **LabQuest**, be sure the DIF order is

set to Column so it can be read correctly by **LabQuest**. See the table of spreadsheet commands (in the **LAB.DOC** file) for further information on saving and loading DIF files.

Press ESC at the start of the program to enter the Defaults menu. The default settings are: Speaker (Off/On); Calculator (Off/On); Recalculation (Auto/Manual); Calculation Order (Row/Column); Decimal places (0-8) (If 0 - 7 are selected, the same number of decimal places are displayed. If 8 is selected, the number of decimal places entered from the keyboard are displayed.); Slot for data disk (1-7); Drive for data disk (1-2); Slot for program disk (2-7); Drive for program disk (1-2); Program drive type (Disk II/Other); Printer Slot (1-7); and Printer Type (Epson/Imagewriter).

Spreadsheet functions:

Within the Spreadsheet, you can do the following: move row, column or block, contents of cells relative or absolute; copy row, column, or block; erase data by row, column, block, or erase all data; adjust the alignment of labels, or the decimal point for values; set up a sequence pattern (e.g., 1,3,5,7) by column, row, or block; enter a formula in a cell (a formula can include mathematical functions (multiply, divide, cosine), but not statistical functions; graph (display spreadsheet data on a line, bar, or circle graph, x-y plot, or standard scores on a normal curve. Can also access Graph from Tools menu); insert a column or row with "pushover"; delete a column or row; edit a cell; recalculate (can be set for Manual or Auto); write a DIF file to the data disk; load a DIF file from the data disk; load a file from disk; access the calculator; access the notepad (can also access the notepad from the Tools Menu); access the Printer Panel; and access the Operations Panel.

Graph functions:

Type of graph: Line, bar, circle, scatter plot, x-y plot, stacked bar (multiple colored bars; compare data within and between bars), or normal curve (distribution of standard scores). It says in the instructions you can have up to 15 segments in a circle (pie) chart. I tried it with 13 points, and got an error message.

To use the Graph function: select Graph/Create from the Tools menu, or OA-G from a spreadsheet. Load a graph file from disk, or work on the spreadsheet already in the workspace. Move the cursor to start of data (row, column) to be graphed. Press Return. Use the arrow keys to highlight the data columns to be graphed. You can "lift" the cursor and put it back down again by toggling the space bar. Use this to skip over any data you don't want to graph. Press Return when blocking is complete. The graph panel will appear

(see above). Select options on the Graph Panel, highlight Done, and press Return. The graph will be displayed. Use the arrow keys to edit the graph. Use OA-A to access Graph commands (see above). Use ESC to return to the Graph Panel. Press Return to go back to the spreadsheet.

Notepad functions:

The notepad is used to record data in a text file. Maximum 64 lines on a 40-column graphics screen. Select from Tools menu or OA-N from the spreadsheet. The following functions are available: Edit - create a new notepad, or edit an existing one; Load - a notepad file from data disk; Save - a notepad file to data disk; Erase - a notepad file from data disk; and Help - review notepad options.

Practice:

The user conducts a series of tests on a consumer product. The data is stored in a spreadsheet as each test is completed. The results can then be interpreted, and the product can be accepted or rejected. You may select an independent variable for test (temperature, pressure, water, time) and set the value. Then select dependent variable (mass, density, volume, temperature, tensile strength) to be measured.

Exiting from the test menu displays Product Analyzer screen. The screen shows gauges representing independent and dependent variables. At the conclusion of the test, data from the test is transferred to the spreadsheet. ESC from spreadsheet to return to Test menu. Data from the next test is recorded at the last cursor position in the spreadsheet, so leave the cursor in a blank field, so the old data won't be overwritten. You can Graph data from the Spreadsheet, but when you ESC from the Graph function, you'll be back at the main menu. Go back into Practice and you'll be where you left off.

Other things about the program:

Mathematical Limits and Rules:

The largest number that can be displayed is 9.99E99.

The smallest number that can be displayed is 1.00E-87.

The largest number that can be entered is 9.999E99.

The smallest number that can be entered is 1.000E-87.

If a number entered in the spreadsheet exceeds the limit, it will be displayed as a label.

Equations:

No spaces are allowed in an equation (e.g., B1/F35).

Spreadsheet cell labels must appear in caps.

If an incorrect equation is entered in the spreadsheet it will appear as a label.

The order of mathematical operations is: Parenthesis; Mathematical functions (sin, cosine); Roots; Powers; Divide; Multiply; Subtract; and Add. The order of execution is from left to right. Statistical functions (mean, standard deviation) cannot be used in an equation. A spreadsheet is limited to 128 equations.

One can use these built-in Statistical Functions: Sum; Mean; Median; Mode; Minimum; Maximum; Range; Variance; Standard deviation; Correlation coefficient; and Formula.

PRINTSHOP SUPPORT AND IIGIF SUPPORT DISKS OF THE MONTH By P. Mark Wannop

The PrintShop disk-of-the-month is **SJAUG #12** (BRCC h-24); it has 63 graphics on it, including four different airplanes, a three-masted sailing ship, a tile with four sailing ships, a sinking ocean liner, a steam engine, a boxcar, and a caboose. There's also a race car, a skateboarder, a rocket, and a rocket plane to round out the transportation... there's a few robots, and "portraits" include a timely Santa Claus (!), a snowman (!), Spock, and George Washington. "Snitch Bartle" and "Vamp" add to the rather funny "Bart" series on a previous disk. For the home we have a sofa, a chair and table, a typewriter, a couple of telephones, a piano, and a teapot - sounds like the Sears catalog.... And for the person who has everything, there are two views of Saturn, a screwdriver, a school, and a royal crown! And more!

The **IIGIF** picture disk is **GIF.RLE.5**; there are five color GIF pictures and ten black & white RLEs. The GIFs are: **ASIA.GIF** - looks like an album cover, has a sea serpent; **CHAMBER.GIF** - I really don't know, maybe Frankenstein, or a gas chamber; **MIAMI.MICE.GIF** - amusing cartoon; **ROBOT.GIF** - our old friend Robby from "Forbidden Planet"; **TRITOPS.GIF** - nice picture of a triceratops.

The RLE's include: **AMITYVILLE.RLE** - an ad for a BBS featuring a nice '50's E.C. Comics ghoul; **BUGTOMB.RLE** - a huge praying mantis on a sarcophagus; **BUNNY2.RLE** - an excellent lady bunny in an old fashioned dress, for Easter; **CANDLE.RLE** - a candle with holly for Christmas (!); **CIRCLES.RLE** - lots of circles; **DENEUEVE.RLE** - Catherine Deneuve digitized; **ISPY** - odd looking logo; **JFK.RLE** - President John Kennedy digitized; **POST2.RLE** - cover of the Saturday Evening Post for May 29, 1926 (!); and **WALT.GIF** - who else? A digitized picture of Unca Walt Disney!

ANIMAL PHOTO FUN

by Irene Sheridan

The box that contains Animal Photo Fun, by DLM Software, caught my children's attention and they insisted that I buy it. The picture on the front changes from a calm lion to a roaring beast, depending on the angle you view it. I read the description on the back, did a quick mental software inventory to determine whether we had anything similar and took the program home to see what it would do.

The program I have runs on the Apple II's. It is divided up into six games, each building on the level of difficulty. The animals in the program are separated into six habitats: forest, jungle, desert, ocean, pond and farm. Each habitat is depicted by a symbol so that reading is not necessary. Small children will need help at first until they recognize the habitats and the animals that might not be familiar to them.

Directions and prompts are easy to understand and pictorial when possible. A photographer in the upper left corner supplies encouragement and feedback. A score chart using pictures lets a child know how many correct answers he had at the end of each game. Following is a short description of the each of the six games.

Meet The Animals introduces the child to the animals they will encounter in the following games and the habitats they are found in. This is an exploratory game with no right or wrong answers.

Odd One Out shows four animals. The child must decide which animal does not live in the same habitat as the other three.

Photo Safari slowly uncovers an animal picture. The child uses the arrow keys to highlight the correct habitat. The child tries to identify as many animals as possible before the timer runs out. The timer is a filled circle which disappears as the game progresses. Even children who cannot tell time are able to determine how much time they have left by the fraction of circle still showing.

Animal/Mom Match is a short concentration game. Children "turn over" two of six squares to see if the pictures show an animal and it's mother. If not, the pictures disappears for the next turn. The child has fifteen chances. When the first three pairs are matched, six new squares are shown until all fifteen chances are used.

The last two games are **Animal Rummy**. The first lets the child play against the photographer (computer). The game is similar to the card game, with the child trying to match three animals from the same habitat to win. The second game lets two people play against each other.

The stated age range for this program is from 4 to 8. A young four year old would need help and an eight year old who is familiar with the program

would probably be interested in the last few games. A child in between will find a lot to keep him interested.

After owning the program for a month, my 5 year olds are pros at the first four games. I'm still surprised when they know that a scorpion lives in the desert or when they can determine which animal is being shown, just by seeing the feet. The program has introduced them to animals and habitats (not to mention the concept of habitats) that they might not experience except with a trip to the zoo. My children and I are very glad the lion caught their attention.

New Additions to the CLUB BOOK LIBRARY

by Mike Wogan

Several books have been added to the **Club Book Library**. Thanks to **Gloria Akers**, who donated several of the older books.

Zaks, Programming the 6502 (1980). Covers assembly language for the 6502 and gives several application examples. Does not cover 65c02 code.

Leventhal & Saville, 6502 Assembly Language Subroutines (1982). They cover subroutines for code conversion, arithmetic, array manipulation, bit shifts and other manipulations, string manipulation, I/O, and interrupt servicing.

Bell, The DIF File (1983). The DIF (Data Interchange Format) is used by **VisiCalc**, **DB Master**, **PFS Graph**, **Lab Quest** (this month's disk of the month), as well as **AppleWorks** and a large number of other programs to allow transporting a data file from one program to another. This book shows how to create one, gives the technical specifications, etc.

Finkel & Brown, Apple BASIC: Data File Programming (1982). Creating, reading, and checking sequential and random access files in BASIC.

Ettlin, WordStar Made Easy (1982). Through version 3.0. Includes a summary of CP/M commands.

Aron & Aron, Using AppleWorks (3rd edition, 1989). Includes AppleWorks version 3.0.



ROBOT GIRL



SKATEBOARD



SATURN IN SPACE



SNOWMAN

BASIC.Notes

By Mike Wogan and Steve Opfermann

This column is a running series of ideas for using **BASIC**, given in no special order. We are interested in your feedback. If you know of some techniques for using **BASIC** that we haven't covered, we'd like to hear about them. Also, if you have questions, please let us know.

Does your computer have a miniassembler?

The original 48K Apple II had a miniassembler in the Integer **BASIC** ROM. It was a primitive assembler - it didn't allow labels, for example - but it was useful for entering a short assembly language program. If you were in the Monitor, you could get into it by saying

***F666G**

or from Integer **BASIC** you could **CALL** - 2458. Either one would give you the assembler prompt (!). From there, you could enter the address and the mnemonic for the assembly language command you wanted to enter. The assembler would translate the mnemonic into hex code and enter the code into memory. For example,

!300:LDA #CF

would be translated by the assembler into a "load register A with \$CF," which would look like

0300- A9 CF

(A9 is the hex code for LDA).

You got back to the monitor by entering Return on a blank line.

In the 64K II+, there wasn't room for everything in the AppleSoft ROM, and the miniassembler was not included. However, if you had a ROM card in slot 0, you could have Integer **BASIC** in ROM, which gave you both Integer **BASIC** and the miniassembler. You could get to it by switching from Floating Point **BASIC** (FP) to Integer **BASIC** (INT) and then **CALL**ing it. If you had a 16K "language" card in slot 0, then you had to **BLOAD** the **INTBASIC** file from the DOS 3.3 system disk. (Sometimes **INTBASIC** was loaded by the **HELLO** program.) You could then **CALL** the miniassembler from **INTBASIC**.

The first Apple IIe's and IIC's didn't have Integer **BASIC** in ROM and lacked the miniassembler, unless the **INTBASIC** file was loaded. On the enhanced (128K) IIe and later editions of the IIC, the ROM space was expanded and the miniassembler was added back into the ROM. (On the IIC, the miniassembler supports 65C02 codes.) In either case, you could **CALL** it from AppleSoft (FP) **BASIC**.

To see if it exists in your IIe/IIC system, get to the monitor (*) prompt and type "!". If the computer responds with the "!" prompt, then you have it. If the computer beeps and responds with the monitor prompt, then you don't.

There is a public domain version of the miniassembler that can be loaded by itself (without **INTBASIC**) in the club disk library.

continued on pg. 7

For Your Convenience - Use this handy form to renew your membership in
SJAUG - or copy and pass on to your friends. Thanks!!

SJAUG MEMBERSHIP APPLICATION PLEASE PRINT

NAME _____

CHECK ONE: _____ New Membership _____ Renewal

ADDRESS _____

ZIP _____

PHONE _____ COMPUTER: _____

DUES ENCLOSED: _____ \$15.00 single membership
_____ \$20.00 family membership

Make check payable to **SJAUG** and send to
SJAUG, P.O. Box 4273, Cherry Hill, NJ 08003.

6 *****

ALL YOU EVER WANTED TO KNOW ABOUT THE IIgs By Ethel Graham

I get many calls from people who are completely baffled by their initial attempts to make any sense of their new IIgs computers. If you are a new owner of one of these things, read closely and your frustrations will melt away.

The first thing to do when taming a gs is to find the system disk that came with your computer. Put it in the drawer. Leave it there. Now get all of your disks that you will use with your system and put them into categories. Bootable disks, applications such as Print Shop GS, Multiscribe GS, Marble Madness, etc., stuff that is specifically for the GS should go into one pile. These disks can be booted from the 3.5" drive with no problems. Go into the Control Panel and set it to boot from slot 5.

If you have 5.25" disks such as Appleworks 2.0 or 2.1, Print Magic, Multiscribe, etc. just boot them from slot 6. You can go into the Control Panel and change it to slot 6 or push ctrl-reset when you get the sliding apple on the screen. If you want to get to the Control Panel at bootup just hold down the option key until the menu appears on the screen. Then select 1- go to the Control Panel. If you have old DOS 3.3 software it will boot from slot 6 with no problems. How do you know if it's DOS 3.3? If it was published before Jan. 1984 it is DOS 3.3 (I came across 3.2 only ONCE) ProDOS was introduced at that time in order to increase the file storage capabilities. When you boot a ProDOS disk it will tell you so, right in the middle of the screen.

What's that? You have only the System.Disk and The Tour of the GS? Boot the System.Disk and click on the Basic.System icon. Now you can explore the comfortable world of Apple II computing in no-frills format. Type CAT (for catalog) to see a list of the files that are on the disk. You will see a list that looks approximately like this:
/SYSTEM.DISK

NAME	TYPE	BLOCKS	MODIFIED
BASIC.LAUNCHER	SYS	3	14-JUN-89
TUTORIAL	DIR	1	15-SEP-89
SYSTEM	DIR	2	18-JAN-90
PRODOS	SYS	4	14-JUN-89
ICONS	DIR	1	15-SEP-89
FINDER.DATA	\$C9	1	19-FEB-90
BASIC.SYSTEM	SYS	21	1-AUG-89
APPLETALK	DIR	1	17-JUN-89
FINDER.ROOT	\$C9	1	19-FEB-90

BLOCKS FREE: 22 BLOCKS USED: 1578

The program you are running now is Basic.System and it is listed as a SYS file, a system file. You can run this file by typing "-Basic.System". This is called the "smart run" command and it means "run the file called Basic.System." Of course, you are already in Basic.System and this will just start it all over again. If you try the smartrun command with PRODOS it will boot the disk all over again... (thermometers, anyone?) Some of these files are DIR files and that means a directory or folder. On the desktop these have a picture of a folder. To look inside the folder called "SYSTEM" type Prefix /SYSTEM.DISK/SYSTEM. When you type CAT this time you will see the following:

SYSTEM

NAME	TYPE	BLOCKS	MODIFIED
CDEVS	DIR	2	15-SEP-89
DESK.ACCS	DIR	1	15-SEP-89
DRIVERS	DIR	1	26-SEP-89
ERROR.MSG	\$BC	11	14-JUN-89
EXPRESSLOAD	\$F9	25	17-JUN-89
FONTS	DIR	1	18-JAN-90
FSTS	DIR	1	15-SEP-89
GS.OS	\$F9	90	18-SEP-89
GS.OS.DEV	\$BC	6	15-SEP-89
P8	SYS	32	14-JUN-89
START	\$B3	208	17-JUN-89
START.GS.OS	\$F9	26	18-SEP-89
SYSTEM.SETUP	DIR	1	15-SEP-89
TOOLS	DIR	2	8-JAN-89
FINDER.DATA	\$C9	1	18-JAN-90

BLOCKS.FREE: 22 BLOCKS USED: 1578

Try cataloging the directories on this part of the disk to see just what is on your system disk. To clear the thing back to the original volume just type "prefix/". If you have other disks do the same to them. If you have a 5.25" disk just put it into the drive and type CAT,\$6 for catalog the disk in slot 6.

There are 1600 blocks on a 3.5" disk. Next month I will uncover more of the mysteries of disk handling. In the meantime, explore!

continued from pg. 6

All of the above applies to the DOS 3.3 operating system. If you have BASIC.SYSTEM version 1.3 running under ProDOS, you can access the Monitor using the MTR command, which was added to that version. (Check with the disk librarian if you don't have this or a later version of BASIC.SYSTEM.)

A short summary of Monitor commands, including miniassembler commands, may be included in a future column.

THE BEST OF UNCLE BRUNO

By Uncle Bruno

This is part of the "British Invasion" trivia quiz that was up on SJAUG AppleLine awhile back. These are questions B6 through B15; next issue we'll have the answers!

B6) Answer this one right away... What's Ringo Starr's real name?

B7) Okay, then... What's Cilla Black's real name?

B8) In "Magical Mystery Tour" a band OTHER than the Beatles appeared and sang one song, while a stripper did her thing... (a) Name the band; (b) Name the song...

B9) The filmed "biography" of the Rutles, "All You Need Is Cash" was a hilarious send-up of the Beatles' history (now you know who the Rutles were). It featured members of Monty Python and the original Saturday Night Live cast. It also featured one of the real Beatles in a small part, heavily disguised. (a) Which Beatle helped poke fun at himself; (b) What role did he play?

B10) What member of the aforementioned band that appeared in "Magical Mystery Tour" played Ron Nasty (the John Lennon character) of that Pre-Fab Four, the Rutles?

B11) What was Gerry of "Gerry and the Pacemakers" last name?

B12) "Herman" of "Herman's Hermits" wasn't named Herman at all; what was "Herman"'s real name?

B13) What connection does Mike McGear of "The Scaffold" and "Grimms" have with Paul McCartney?

B14) What connection did Peter Asher of "Peter and Gordon" have with Paul McCartney?

B15) John Lennon was raised by an aunt; what was her first name?

And now for something completely different...

UNCLE BRUNO'S CRYPTOLIMERICK!

SPHEH PLY L KLA IV OQFOLTI ALKEN CIZAT,
PQI IAOH, PQHA QFY AHBUHY PHEH ZAYSZAT,
WZS QFY KISQHE (ZAYHHA)
FA SQH OQIWWFAT-KLOQFAH,
LAN OLAAHN QHE LAN ELMHEHN QHE "SIATZH".

- W. T. PINHQIZYH

Uncle Bruno asks trivia questions on two message boards of the SJAUG AppleLine BBS: B6 - "Uncle Bruno" sometimes has some posers on it, and it is open to all callers regardless of age; B11 - "Jr.Trivia" is for callers of high school age or younger, and the questions tend to be a little more accessible, but that doesn't necessarily mean too easy... Why not call (609) 424-1382 and answer a few on-line?

AppleWorks DISK OF THE MONTH for APRIL

by Mike Wogan

Most of the files on this disk are text files having to do with AppleWorks 3.0 or 3.1. The CAT.TXT program, which was deleted from the March disk at the last minute to make room for a 1989 tax spreadsheet, has also been restored. (Sorry about that. We found the tax spreadsheet after the Candy Apple for March had been mailed, and didn't have time to send out notices about the tax spreadsheet. It's on the March AppleWorks disk, if you're interested.)

AW.3.0.QNA are notes from a bulletin board conference with Claris Technical Support. It discusses pitfalls using A.W. 3.0.

There are three files derived from Apple Technical notes, having to do with File Types.

FTN.19.XXXX contains information about ADB files.
FTN.1A.XXXX contains information about AWP files.
FTN.1B.XXXX contains information about ASP files.

PATCHER.SYSTEM is a patch program for A.W. 3.0. It corrects at least 8 bugs in the program. It comes with PATCHER.DOCS (AWP), which explains how to use it.

Side 2 of the disk contains RAMSET.DOC and RAMSET. This BASIC program is a desktop limiter for A.W. 3.0. Normally, A.W. 3.0 uses all the memory it finds. This program patches A.W. to ignore some of the auxiliary memory banks, so they can be set aside and used as a RAM disk. It works with the AUX slot RAM card on a IIe, or compatible cards on the IIc (MultiRam CX or Z-RAM).

The next 6 files require A.W. 3.0 and Ultra Macros 3.1. Five of them are AWP files, and one ASP. They describe how to construct "date math" macros for A.W. 3.0.

CAT.TXT (BAS) and CAT.TEXT.DOC (TXT) were deleted from the March disk to make room for the tax spreadsheet. They've been restored here. This BASIC program reads the catalog from a disk and creates a TXT file. The TXT file can then be read into an A.W. database.

The following column was downloaded from **America Online** on March 31st and is printed in its entirety.

A REVIEW: HYPERLEARNING FORUM

It's not every day you get a "Volume 1, Number 1" in your mailbox. When that happens, and it's a publication about computers, I pay attention. In this case, it was well worth it. Volume 1, Number 1, of **HyperLearning Forum** is the newsletter of the HyperLearning Network, "an organization which supports the use of hypermedia products on the Apple II family of computers, especially the Apple IIGS."

The **HyperLearning Network**, based in New Jersey, is directed by Rob Staats (Robert 1587 on America Online), computer coordinator for the West Windsor-Plainsboro School District, and Dave Cochran, K-12 supervisor of math, science and technology for Montgomery Township Schools.

The sixteen page first issue contains an excellent introduction to hypermedia. Since it concentrates on the IIGS, the emphasis is on Roger Wagner's **HyperStudio**.

"Setting up a **HyperStudio** Workstation" details the hardware needed for **HyperStudio**, and describes the four disks that make up the program. All necessary information is given for obtaining the demonstration kit for \$10. Happily, in addition to mentioning the retail price of **HyperStudio**, HLF includes an insert reminding readers to shop around for best software prices.

The featured stack, which will be a regular column, describes "**HyperPostcards**," a network to encourage using **HyperStudio** as a medium for the exchange of pen pal letters.

"**Stack Design Tips**" gives guidelines to help users create more effective stacks.

The centerfold of this issue is an interview with Roger Wagner, creator of **HyperStudio**. Readers get both a personal sketch of Roger Wagner as well as information about the development of **HyperStudio**. "**Media Mites**" will be another regular column, providing information about the world of hypermedia. Topics include: **A-2 Central's** announcement of **Stack Central**, update of the **Graphics Exchange**, **Ohrad Graphics'** clip art set, **Optical Data's** videodisc, "**Jets and Classics**," and an upcoming **XCMD** toolkit for **HyperStudio** from Ken Kashmareck (author of **Soft Switch** and **EditPro**.)

As you can see, **HyperLearning Forum** provides a wealth of information for users of **HyperStudio**.

Final offerings include a helpful article about using **HyperStudio** in a computer lab with details of site license agreements, and performance of **HyperStudio** in a networked lab.

The last regular feature is **TechTalk**, a question/answer column which invites readers' questions, tips and solutions relating to hypermedia.

HyperLearning Forum will be published quarterly. Charter membership in the **HyperLearning Network** includes six issues of **HyperLearning Forum**, "**The Best of HyperLearning**" disk (a disk full of educational stacks), and discounts on **HyperStudio**, **studioware**, and other hypermedia products. Cost of a charter membership is \$29.

If you have been a user of any of the forms of **LOGO**, you may be aware of the helpfulness of some of the support publications. **HyperLearning Forum** is, as far as I know, the first support publication for **HyperStudio**. It will be a great help to **HyperStudio** owners, and certainly should be included in the professional library of any school using **HyperStudio**.

For information or subscription, write to:

HyperLearning Network
Box 103
Blawenburg, NJ 08504



THREE STOOGES



WELCOME MAT



ROYAL FLUSH



SANTA CLAUS



VAMP



STOP



SCREWDRIIVER



SHIELD



TELEPHONE



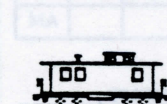
TELEPHONE OFFIC



SKYWARP



SNITCH BARTLE



TRA CABOOSE



TRA ENGINE



SPOCK



STAMP CLOWN

VISIT SJAUG at the TRI-STATE APPLE USER'S GROUP
CONSORTIUM BOOTH - See YOU at Applefest !!!!

AppleFest'90/East ComputerFest'90/East

May 4 - 6, 1990

The Garden State Convention Center ■ Somerset, New Jersey

On-Site Discount Coupon!

Bring this special coupon to the door to receive
the advance discount prices on all registrations.

(Avoid lines! Your badge will be mailed to you
if your pre-registration is received by April 5.)

1 Please print the correct information here.

Name: FIRST OR INITIALS LAST
Position / Telephone: AREA CODE: - -
Company / Organization:
Address: DEPT OR MS.
City/State / Zip Code: STATE: ZIP CODE:

2 Choose one of the following ticket options.

	REG	DISC	QTY
3-Day Conference & Exhibits	\$75	\$45	—
3-Day Exhibits Only	\$15	\$10	—

Family/Group Package (4 or more individuals)

3-Day Conference & Exhibits (per person)	\$75	\$35	—
3-Day Exhibits Only (per person)	\$15	\$7.50	—

Submit all names and single check or credit card number with your order. This discount available only in advance. Children five and under admitted free.

The Half-Day Intensive Seminars

~~\$155~~ \$99 —

Individuals may purchase additional seminars for \$75 each.
Includes 3-day conference and exhibits.
AM=8:00-12:00; PM=1:00-5:00

Circle the day and time
of the desired seminar(s):

- AppleWorks — Beyond the Basics
- AppleWorks for Educators
- AppleWorks GS, Part 1
- AppleWorks GS, Part 2
- Beginning Programming/Apple IIGS
- Desktop Publishing for Teachers
- Desktop Publishing on the Apple IIGS
- Desktop Publishing on the Macintosh
- Desktop Publishing on the PC
- Graphics in the Classroom w/Apple IIGS
- HyperCard: An Introduction
- HyperCard for Intermed. & Adv. Users
- HyperMedia on the Apple II
- Multimedia for Teachers: Using the IIGS
- Music, Midi, and the Apple IIGS
- Programming in BASIC for Beginners
- Telecommunications: Everything You Always ...
- Telecommunications for Teachers
- Tips and Techniques for the Power DOS User
- Tips & Techniques for the Power Macintosh User

	5/3 THUR.	5/4 FRI.	5/5 SAT.
PM		AM	
PM			AM
		AM	
		PM	
			PM
	AM		
		AM	
PM			
		PM	
			PM
AM			
AM			
		AM	AM
			AM
PM			
		PM	
AM			PM
			AM

3 If you're buying tickets for more than one person, please indicate their names below.

4 Reserve your hotel room at special AppleFest rates, if desired.

To reserve a room, either complete this section, or call the hotel directly. Ask for the special AppleFest/Computer Fest rates (good while they last). We will try to accommodate your requests, but reserve the right to place you in another nearby hotel if the hotel is fully booked. Reservations are offered on a first come/first served basis. Call the hotel directly for best results.

	Single	Double	# of Rooms
Somerset Hilton (201-469-2600)	\$95	\$95	—

Arrival Date: _____ Departure Date: _____

Hotel reservations must be guaranteed by one night's deposit.

- ☐ Please use the credit card I have indicated below.
☐ I have enclosed a check payable to the hotel.

5 Please tell us about your experience level.

- A. Which personal computer(s) do you own or use?
☐ 1. Apple II+, e. c
☐ 2. Apple IIGS
☐ 3. Mac Plus/SE
☐ 4. Mac II
☐ 5. IBM PC/AT/XT
☐ 6. IBM PS/2
☐ 7. Tandy
☐ 8. Other PC compatibles
☐ 9. Commodore 64/Amiga
- C. Area of Interest
☐ 1. Business application
☐ 2. Home application
☐ 3. Educational application
☐ 4. Desktop publishing
☐ 5. Other: _____
- D. Your Industry or Profession
☐ 1. Computer-related
☐ 2. Business (non computer-related)
☐ 3. Professional (except educ.)
☐ 4. Communications/Publishing
☐ 5. Education (classroom teaching)
☐ 6. Education (administration)
☐ 7. Government
☐ 8. Other (specify): _____
- E. Your Purchasing Plans. In the next 12 months, which of the following do you plan to buy? (Check all that apply.)
☐ 1. Apple II Software
☐ 2. Macintosh Software
☐ 3. PC Software
☐ 4. C-64/Amiga Software
☐ 5. Printer
☐ 6. Modem
☐ 7. Hard Drive
☐ 8. Monitor
☐ 9. Other _____

B. Did you attend AppleFest/Boston last year? ☐ 1. Yes ☐ 2. No

6 Please enclose payment with your order.

Total Amount Due: _____

☐ Check ☐ Credit Card (circle one) MC Visa Amex

(Make checks for tickets payable to AppleFest. Checks for hotel rooms should be made payable to the hotel.)

Credit Card # _____ Exp. Date: _____

Cardholder's Name _____

Authorized Signature _____

Amex Billing Address _____

Please indicate 2 or 3-letter code from mailing label _____

☐ Check if confirming previous order

7 Complete and return this form to:

AppleFest/ComputerFest
Exposition Management
1601 Trapelo Road
Waltham, MA 02154

OR FAX IT TO: 617-290-0409
OR CALL TOLL-FREE:
1-800-262-FEST
(in Mass., 617-290-0400)

To be sure you receive the appropriate ticket, please complete this form entirely and enclose your check, money order, or credit card number. Seating at some sessions is limited; reserve your place, save money and avoid the lines by pre-registering. Orders received after April 5 will be held at the "Will Call" window at the show. Show hours are 10:00-6:00 on May 4-5, and 10:00-4:00 on May 6. (Intensive Half-Day Seminars are scheduled for May 3, 4, and 5). On-site registration begins at 7:30. Registration fees are not refundable. NOTE: Photocopies of this form are not acceptable on-site.

Call 1-800-262-FEST
Now to Pre-Register
Exhibits Only ... Save \$5
3-Day Conference ... Save \$30
Intensive Seminar ... Save \$36

SJAUG MEETINGS FOR APRIL:

SJAUG Board Meeting: Friday, Apr.
6th-Ethel Graham's house - 7:30 p.m.

Main Meeting: Friday, Apr. 20th -
Voorhees Community Center - 7:30 p.m.

IIGS Sig: Wednesday, Apr. 25th -
7:30 p.m. Call Bob Bobik for details
or directions: 778-2105.

Beginners' Mac SIG: Not meeting. This
SIG is on hold for the time being;
however, Ed Gaugler will be glad to
answer questions or help new users on
a case-by-case basis. You can
contact him at 424-5547.

Classic Apple SIG: Meets Thursday,
Apr. 26th - 7:30 p.m. Call Mike
Wogan for information and directions:
854-6445.

New AppleWorks SIG: Meets Sunday, April
29th - 7:00 p.m. Contact Bev
Darkatsh for details at 365-5821,
Monday through Friday, or Liz
Anderson at 267-2195.

COMING IN MAY--

Board Meeting: May 11th - Ethel
Graham's house - 7:30 p.m.

Main Meeting: May 18th - Topic:
Beagle Brothers Timeout Demonstration

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
CAN'T MAKE THE MAIN MEETING????
WISH YOU COULD GET THE
DISKS-OF-THE-MONTH????

Your Wish is Our Command !!!

Club Members in Good Standing may now
order the Disks-of-the-Month by Mail

Cost: Regular Disk-of-the-Month Price
Plus
\$1.50 for postage and handling

To Order: Call Disk Librarians
P. Mark Wannop: 365-1776
Steve Opfermann: 629-0236

Disks must be ordered during the month in
which they are featured.



ATTENTION RETAILERS

CANDY APPLE

The Newsletter of the
SOUTH JERSEY
APPLE USERS' GROUP

Is the Perfect Place to Advertise
Your
Apple Software and Hardware

We reach those using Apple Computers in
Homes, Businesses and Schools.

AD RATES:

1/4	page:	\$20.00
1/2	page:	\$40.00
3/4	page:	\$60.00
full	page:	\$75.00
business card size:		\$10.00

Discount Schedule:

two consecutive insertions - 10%
three consecutive insertions - 20%

DEADLINE FOR AD COPY for the MAY ISSUE is MAY 2nd

Send your camera-ready copy to:

Wanda Bullion, Editor
Candy Apple Newsletter
4 Constitution Blvd.
Berlin, NJ 08009

CLUB DISK PRICES

Member Prices:	5 1/4	3.5
Disk of the Month	\$3	\$4
Apple License Disk	\$3	\$4
Library Disk	\$4	\$5

Non-Member Prices:
All Disks \$7 \$7

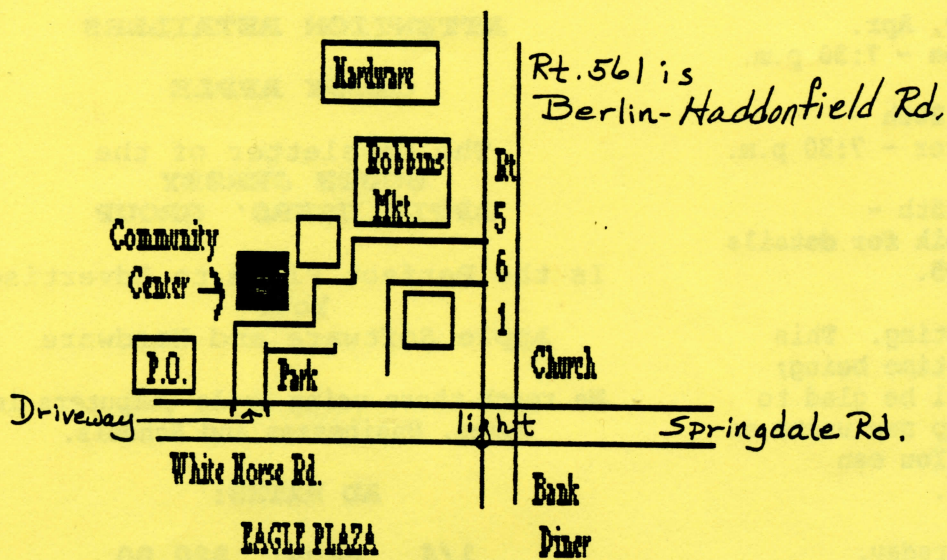
Current membership card required for member prices.

NEW ITEMS - BLANK DISKETTES

Blank 3 1/2 inch disks: \$1.00 each w/label

Blank 5 1/4 inch disks-
in colors: \$.50 each w/sleeves & labels





~ MAP TO MAIN MEETING ~

Candy Apple
The Newsletter of the South Jersey
Apple Users Group
P.O. Box 4273
Cherry Hill, NJ 08003



FIRST CLASS

DATED MATERIAL

Feb 91